



# SAFETY DATA SHEET (SDS)

Revised Date: 12/16/15  
Epolight™ 5841

## Section 1. Product and company identification

<b><u>Product identifier</u></b>	Chemical name: Epolight™ 5841 Synonyms: none CAS number: proprietary
<b><u>Recommended use</u></b>	Dyestuff
<b><u>Manufacturer</u></b>	EPOLIN 358-364 Adams Street Newark, New Jersey 07105, USA +1 973 465-9495
<b><u>Emergency telephone number</u></b>	INFOTRAC +1 800-535-5053 International +1 352-323-3500

## Section 2. Hazards identification

### **Classification of substance according to Regulation (EC) 1272/2008 (CLP)**

None

### **Label elements**

None

### **Other Hazards**

None

## Section 3. Composition and Information on Ingredients

Hazardous Component(s) (Chemical & Common name(s))	CAS number	Percent by weight (range)
Proprietary coordination complex	trade secret	100%



## SAFETY DATA SHEET (SDS)

Revised Date: 12/16/15

Epilight™ 5841

### Section 4. First aid measures

<b>Inhalation</b>	If victim is not breathing perform artificial respiration. Loosen tight clothing. Move victim into fresh air and seek medical attention
<b>Eye contact</b>	Flush eyes with running water for a minimum of 15 minutes. Seek medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash immediately with plenty of water.
<b>Ingestion</b>	Rinse mouth with plenty of water. Do not induce vomiting. Seek medical attention.
<b>Most important symptoms/effects (acute and delayed):</b> Not known	
<b>Delayed Symptoms/Effects:</b> Not known	
<b>Indication of any immediate medical attention and special treatment needed</b> No data available	

### Section 5. Firefighting measures

#### Extinguishing media

Suitable extinguishing media: water mist, carbon dioxide, dry chemical, chemical foam

Unsuitable extinguishing media for safety reasons: full water-jet

#### Specific hazards

In case of fire toxic gases may form

#### Special protective equipment and precautions

Wear self-contained breathing apparatus

Cool endangered containers with water in case of fire

Do not allow run-off from firefighting to enter drains or ground water

### Section 6. Accidental release measures

#### Personal precautions

Provide sufficient ventilation

Avoid breathing dust or generating dust

Avoid contact with skin and eyes

Wear recommended personal protective equipment

#### Environmental precautions

Prevent entry to drains and public water

#### Methods and materials for containment and clean up

Collect and dispose in closed, suitable containers according to local regulations



## SAFETY DATA SHEET (SDS)

Revised Date: 12/16/15

Epolight™ 5841

### Section 7. Handling and storage

#### **Precautions for safe handling**

Breathing must be protected when large quantities are used without local exhaust ventilation

Open only in well-ventilated areas

Avoid generation of dust

Avoid contact with skin and eyes

#### **Conditions for safe storage**

Keep container sealed when not in use. Store in a cool, dry, well-ventilated location

### Section 8. Exposure controls/ personal protection

#### **Personal protection equipment**

**Eyes:** Safety glasses with side-shields. Wear face shield if splashing hazard exists

**Skin:** Wear suitable protective clothing and boots

**Hand:** Impervious protective gloves

**Respiratory:** APF 50 respirator if technical exhaust or ventilation measures are not possible or insufficient

#### **Engineering controls**

Work in well-ventilated area

Keep emergency eye wash and shower clear and clean at all times

Handle in accordance with good industrial hygiene and safety practice

**Occupational exposure limits** Not known



## SAFETY DATA SHEET (SDS)

Revised Date: 12/16/15

Epolight™ 5841

### Section 9. Physical and chemical properties

<b>Appearance</b>	Red powder		
<b>Odor</b>	None	<b>Odor threshold</b>	Not known
<b>pH</b>	Not applicable		
<b>Melting point</b>	Not known		
<b>Boiling point (range)</b>	Not applicable		
<b>Flash point</b>	Not known		
<b>Evaporation rate</b>	Not applicable		
<b>Flammability</b>	Not known		
<b>Explosion limits lower/upper</b>	Not known		
<b>Vapor pressure</b>	Not known	<b>Vapor density</b>	Not known
<b>Relative density</b>	>1 (H <sub>2</sub> O = 1)		
<b>Solubility</b>	Insoluble in water		
<b>Partition coefficient</b>	Not known		
<b>Auto ignition temperature</b>	Not known	<b>Decomposition temperature</b>	Not known
<b>Viscosity</b>	None		

### Section 10. Stability and reactivity

<b>Reactivity</b>	No information available
<b>Chemical stability</b>	Stable under recommended conditions of storage, use, and temperatures
<b>Hazardous reactions</b>	No information available
<b>Conditions to avoid</b>	Heat and high humidity
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	Thermal decomposition may produce CO, CO <sub>2</sub> , NH <sub>3</sub> and NO <sub>x</sub>

### Section 11. Toxicological information

<b>Acute toxicity</b>	None known
<b>Numerical measures</b>	None known
<b>Skin contact</b>	None known
<b>Eye contact</b>	None known
<b>Inhalation</b>	None known
<b>Ingestion</b>	None known
<b>Chronic toxicity</b>	Not known
<b>Delayed and immediate effects</b>	Not known
<b>Assessment of carcinogenicity</b>	No data available concerning carcinogenic effects
<b>Specific target organ toxicity</b>	Single exposure: not known. Repeated exposure: not known

Toxicology data not available. To the best of our knowledge toxicology properties have not been thoroughly investigated.



## SAFETY DATA SHEET (SDS)

Revised Date: 12/16/15  
Epolight™ 5841

### Section 12. Ecological information

<b>Ecotoxicity</b>	No information available
<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulative potential</b>	No information available
<b>Mobility in soil</b>	No information available
<b>Other adverse effects</b>	No information available
<b>Additional toxicological information</b>	Do not empty into water or drains

### Section 13. Disposal considerations

Do not dispose with household waste. Do not allow into drains or dispose of where ground or surface waters may be affected. Consult your local or regional authorities. Observe all national and local regulations when disposing of this substance.

### Section 14. Transport information

#### Land transport

USDOT: not classified as a dangerous good under transport regulations  
UN proper shipping name: Dye powder

#### Sea transport

IMDG: not classified as a dangerous good under transport regulations

#### Air transport

IATA/ICAO: not classified as a dangerous good under transport regulations

### Section 15. Regulatory information

**TSCA:** for R&D use only

**HMIS III rating:** Health 1 Flammability 1 Physical hazard 0

**NFPA hazard codes:** Health 1 Fire 1 Reactivity 0



## SAFETY DATA SHEET (SDS)

Revised Date: 12/16/15  
Epolight™ 5841

### Section 16. Other information

**Revision date:** December 16, 2015

**Revision note:** REACH and SDS compliance

**Abbreviations and acronyms**

**EPA IRIS** Environmental Protection Agency Integrated Risk Information System

**IARC** International Agency for Research on Cancer

**NTP** National Toxicology Program

**NIOSH** National Institute for Occupational Safety and Health,

**OSHA** Occupational Safety and Health Administration

**HMIS** Hazardous Materials Identification System

**TSCA** Toxic Substance Control Act

DISCLAIMER: The information in this safety data sheet is presented in good faith and believed to be correct to the best of our knowledge. Epolin makes no representations or warranties as to the completeness or accuracy of the information which is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use.